S
553.28
O1S
JUN 1969

RELVED WITH DIGNS/ SUPPLEMENTAL PLANS

Montana State Library
3 0864 1006 0054 6

Jun 1977

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601

DONALD A. GARRITY, ATTORNEY
422 NORTH PARK AVENUE
HELENA, MONTANA 59601

JUDSON D. SWEET, PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

HERBERT D. HADLEY, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

COMMISSIONERS

WINSTON L. COX, CHAIRMAN
525 SECURITIES BLDG.
BILLINGS, MONTANA 59101

ALLEN ZIMMERMAN, VICE CHAIRMAN
P. O. BOX 277
POPLAR, MONTANA

E. G. BALSAM,
2300 PEARL
MILES CITY, MONTANA 59301

L. V. HARRIS,
HORSKY BLOCK BLDG.
HELENA, MONTANA 59601

C. J. IVERSON,
WHITLASH, MONTANA 59545

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVII, No. 6 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — June, 1969

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June 1969, averaged 123,682 barrels daily, an increase of 1,231 barrels from the average May production of 122,451.

The nine refineries in the state processed 115,604 barrels of crude oil daily for the month of June, 1969, an increase of 26,745 barrels from the 88,859 barrels processed daily during the month of May, 1969.

During June, 36 wells were completed, 9 oil, 2 gas and 25 dry holes.

During June the commission issued 82 permits to drill new wells, a decrease of 4 from the 86 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1969

IN STORAGE JUNE 1st	
By Producers	386,897
By Transporters	1,596,291
By Refiners	1,186,009
TOTAL STORAGE	3,169,197
Produced in Montana During Month	3,710,448
Imported During Month	2,667,766
TOTALS	9,547,411
DISPOSITION:	
Refined in Montana	3,468,129
Exported	3,102,734
Used for Fuel or Lost	9,643
TOTAL	6,580,506
IN STORAGE JUNE 30th	
By Producers	406,318
By Transporters	1,460,308
By Refiners	1,100,279
TOTAL STORAGE	2,966,905

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1969

Field	M. Cu. Ft.
Bears Den	0
Bell Creek	798,819
Big Coulee	46,894
Blackjack	31,249
Bowdoin	69,157
Bowes	41,109
Cabin Creek	108,348
Cedar Creek	58,761
Cut Bank (Including Reagan)	455,046
Devon	0
Dry Creek	29,379
Elk Basin	66,053
Flat Coulee	6,672
Gold Butte	4,642
Golden Dome	0
Grandview	43,113
Hardin	3,393
Keith Block	199,727
Kevin Sunburst	42,241
Lake Basin	102,999
Middle Butte	2,740
Mt. Lilly	0
Pine	56,267
Plevna	2,618
Squaw Coulee	31,141
Utopia	35,239
Whitlash	84,711
Miscellaneous	285,802
TOTAL	2,606,120

Total withdrawals for June, 1968 were 1,959,863

PRODUCERS REPORT—MONTH OF JUNE, 1969

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	308	2,398	----	2,418	----	288
...	Bannatyne	----	704	----	----	----	----	704
1	Bascom	1	463	31	----	----	----	494
6	Bear's Den	6	1,139	1,284	----	621	----	1,802
84	Bell Creek	369	65,970	1,057,631	1,044,928	----	2,349	76,324
...	Benrud	----	478	----	----	----	----	478
2	Benrud East	2	922	15,730	15,042	----	----	1,610
1	Benrud Northeast	1	999	4,262	3,558	----	----	1,703
1	Berthelote	1	689	150	150	----	----	689
6	Big Wall	17	1,612	13,678	13,096	----	----	2,194
5	Blackfoot	7	1,760	2,658	1,215	1,233	----	1,970
5	Border	5	----	1,579	----	1,579	----	----
1	Bowes	60	4,375	14,408	15,833	----	----	2,950
1	Bradley	1	500	660	408	----	----	752
2	Brady	2	675	----	186	----	----	489
3	Brorson-Madison	3	1,029	6,095	5,927	----	----	1,197
6	Brorson-Red River	6	1,205	53,296	----	51,871	----	2,630
3	Brorson-Red River South	3	3,609	31,044	----	30,972	----	3,681
2	Cabin Creek	97	----	295,922	295,922	----	----	----
14	Cat Creek	67	3,201	16,848	13,476	3,318	----	3,255
1	Clark's Fork	1	92	139	----	188	----	43
2	Conrad South	2	662	587	587	----	----	662
1	Cow Creek	1	530	3,372	3,571	----	----	331
1	Cupton	1	1,631	1,523	----	1,358	----	1,796
129	Cut Bank	854	67,424	425,579	421,288	205	3,150	68,360
2	Deer Creek	3	1,114	2,208	2,614	----	----	708
1	Delphia	1	277	443	----	394	----	326
...	Devil's Basin	----	671	----	----	----	----	671
1	Dwyer	14	3,506	19,559	18,318	----	----	4,747
4	Elk Basin	56	2,331	205,983	206,014	----	----	2,300
5	Elk Basin Northwest	14	8,757	11,812	12,416	----	----	8,153
8	Fairview	9	8,239	63,533	64,319	----	----	7,453
2	Fertile Prairie	2	734	1,706	1,763	----	----	677
9	Flat Coulee	27	5,213	11,945	12,383	----	----	4,775
39	Flat Lake	56	5,865	65,901	64,711	----	----	7,055
2	Flat Lake South	2	856	9,905	9,573	----	----	1,188
2	Frannie	2	----	819	819	----	----	----
18	Fred & George Creek	38	3,955	55,581	55,246	----	----	4,290
1	Gage	1	220	212	----	336	----	96
1	Gage Southwest	1	45	222	----	173	----	94
3	Gas City	22	9,910	22,071	26,082	----	----	5,899
11	Glendive	14	2,402	31,732	26,742	4,079	----	3,313
27	Goose Lake	35	2,697	52,081	48,658	----	----	6,120
8	Graben Coulee	21	3,433	5,763	3,605	1,024	----	4,567
...	Grandview	----	528	----	----	----	----	528
...	Gypsy Basin	----	924	----	----	----	----	924
3	Hay Creek	3	1,068	29,591	30,148	----	----	511
7	Hiawatha	7	4,154	13,184	12,134	----	----	5,204
1	Hibbard	1	250	404	----	207	----	447
1	Injun Creek	1	1,557	797	----	1,628	----	726
5	Ivanhoe	11	2,278	9,156	9,024	----	----	2,410
8	Keg Coulee	24	4,360	9,702	10,598	----	----	3,464
1	Keg Coulee North	2	736	814	911	----	----	639
1	Kelley	5	685	8,620	8,565	----	----	740
91	Kevin Sunburst	476	15,009	27,842	25,830	2,110	----	14,911
8	Laird Creek	11	337	9,553	----	9,261	7	622
1	Little Beaver	29	----	31,965	31,965	----	----	----
2	Little Beaver East*	15	1,548	17,076	16,811	----	----	1,813
2	Lodge Grass	2	1,396	2,220	----	2,045	----	1,571
2	Lookout Butte (Coral Creek)	34	693	67,368	67,655	----	----	406
...	Mackay Dome	----	1,139	----	----	----	----	1,139
2	Mason Lake	2	693	975	975	----	----	693
3	Melstone	5	731	2,371	1,297	400	----	1,405
1	Mineral Bench	1	125	229	----	----	----	354
1	Miner's Coulee	1	107	471	----	471	----	107
11	Monarch	15	4,379	19,775	20,150	----	----	4,004
2	Mosser	2	----	310	----	310	----	----
6	Outlook	10	5,698	22,494	----	20,991	----	7,201
1	Outlook South	1	914	3,926	----	4,117	----	723
2	Outlook West	2	1,415	5,001	----	4,406	----	2,010
1	Pennel-Lookout Butte	137	11,277	149,760	150,966	----	----	10,071
4	Pine	119	17,356	299,732	299,114	----	----	17,974
1	Pole Creek	1	954	750	----	750	----	954
68	Pondera	279	7,292	26,767	26,480	----	----	7,579
4	Poplar	67	12,382	72,038	74,980	----	421	9,019
3	Poplar Northwest	3	1,698	1,276	825	----	----	2,149
1	Prairie Elk	1	1,019	579	----	----	----	1,598
4	Ragged Point	12	2,581	6,837	4,862	----	----	4,556
1	Rattlesnake Coulee	1	397	446	316	----	----	527
2	Reagan	46	448	22,328	22,227	----	----	549
1	Red Creek	25	----	21,366	21,366	----	----	----
1	Red Fox	1	472	6,045	6,127	----	----	390
2	Redstone	2	769	5,015	5,263	----	----	521
1	Repeat	1	674	411	----	736	----	349
4	Reserve	5	193	20,359	----	20,359	----	193
...	Richey	----	774	----	----	----	----	774
1	Richey Southwest	6	1,235	3,919	3,891	----	----	1,263
1	Rush Mountain	1	311	3,461	----	2,774	----	998
6	Sand Creek	8	2,286	10,468	10,809	----	----	1,945
...	Shotgun Creek	----	516	----	----	----	----	516
...	Sidney	----	888	----	----	----	----	888
1	Snyder	1	482	457	----	785	----	154
8	Soap Creek	19	4,572	6,623	----	7,913	----	3,282
1	Spring Lake	2	2,314	2,716	----	2,371	----	2,659
1	Stensvad	13	2,568	12,914	13,194	----	----	2,288
22	Sumatra	82	11,371	60,585	63,543	----	----	8,413
5	Tule Creek	6	2,225	36,515	----	34,609	----	4,131
2	Tule Creek East	2	717	15,098	----	14,967	----	848
2	Tule Creek South	3	1,768	5,944	----	5,636	48	2,028
2	Vida	2	627	1,458	1,087	----	----	998
5	Volt	5	2,520	16,045	16,106	----	----	2,459
3	Weed Creek	3	885	2,734	3,285	----	12	322
4	Weldon	11	1,046	42,768	42,022	----	----	1,792
1	West Butte	1	----	4,539	----	4,539	----	----
16	Whitlash	42	6,906	14,823	13,086	----	----	8,643
2	Whitlash West	2	372	423	----	----	----	795
3	Wills Creek South	3	350	4,246	4,400	----	----	196
6	Wolf Springs	8	4,154	5,672	6,080	----	----	3,746
3	Woodrow	3	306	2,419	2,468	----	----	257
1	Wildcat, Blaine Cty	1	489	208	----	354	----	343
...	Wildcat, Carbon Cty	----	723	----	----	----	----	723
2	Wildcat, Glacier Cty	3	1,446	1,185	501	----	2	2,128
1	Wildcat, Liberty Cty	1	249	178	----	166	----	261
1	Wildcat, Powder River Cty	1	1,075	625	----	791	----	909
2	Wildcat, Richland Cty	2	953	5,697	----	5,808	----	842
2	Wildcat, Roosevelt Cty	3	1,877	17,837	----	16,177	----	3,537
1	Wildcat, Sheridan Cty	1	940	360	869	----	----	431
1	Wildcat, Stillwater Cty	1	1,159	424	301	----	----	1,282
2	Wildcat, Toole Cty	2	----	1,224	1,224	----	----	----
1	Wildcat, Wibaux Cty	1	355	980	----	683	----	652
793	Total	3,427	386,897	3,710,448	3,419,905	265,133	5,989	406,318

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls Shipped	Daily Average
Year, 1968	48,460,579	132,406	48,370,7799	132,161
First Quarter, 1969	11,151,766	123,908	11,176,241	124,180
April, 1969	3,574,862	119,162	3,564,144	118,805
May, 1969	3,795,975	122,451	3,822,874	123,318
June, 1969	3,710,448	123,682	3,685,038	122,835

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total oil In Storage‡
December, 1968	448,662	1,346,295	813,963	2,608,920
March, 1969	411,717	1,346,785	981,174	2,739,676
April, 1969	418,887	1,458,525	1,152,527	3,029,939
May, 1969	386,897	1,596,291	1,186,009	3,169,197
June, 1969	406,318	1,460,308	1,100,279	2,966,905

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JUNE, 1969

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,418				2,418		
BEAR'S DEN—Truck			621					621	
BELL CREEK—Pipelines		1,044,928					461,794	583,134	
BIG WALL—									
Continental Pipeline Co.		13,097				13,097			
BLACKFOOT—									
Camerland Cardinal Corp.			1,233					1,233	
BORDER—Truck			1,579				1,579		
BOWES—Texaco Inc.		15,833				15,833			
BRORSON-MADISON—Pipelines		5,927						5,927	
BRORSON-RED RIVER									
Rock Island Oil & Ref. Co.			51,871				51,871		
BRORSON-RED RIVER SOUTH—									
Rock Island Iil & Ref. Co.			30,972				30,972		
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	340,385	835,591	6,173	1,187,161			2,053,410		315,900
Shell Pipeline Co.	5,025	248,581			1,272			245,560	6,774
	345,410	1,084,172	6,173	1,187,161	1,272		2,053,410	245,560	322,674
CAT CREEK—									
Continental Pipeline Co.		13,476				13,476			
Truck			3,318			3,318			
		13,476	3,318			16,794			
CLARK'S FORK—Truck			188				188		
COW CREEK—									
Western Crude Oil, Inc.		3,571					3,571		
CUT BANK—									
Continental Pipeline Co.			17,610	273,315				290,925	
Phillips Petroleum Co.	106,974	61,485		30,685	875	103,992			94,277
Texas Pipeline Co.	49,145	97,215		38,899	260			161,014	23,985
Union Oil Co.	142,405	83,125		26,083	956	128,446			122,211
Western Oil Trans. Co.		38,081						38,081	
Western Oil Trans. (Moulton)		68,067						68,067	
	298,524	347,973	17,610	368,982	2,091	232,438		558,087	240,473
DELPHIA—Truck			394			394			
DWYER—Portal Pipeline Co.		17,987					17,987		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		217,216				217,216			
FAIRVIEW—Fairview Pipeline Co.		64,319					64,319		
FLAT COULEE—									
Camerland Cardinal Corp.		10,861				6,000		4,861	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		61,904					61,904		
FRANNIE—Interstate Pipeline Co.		819					819		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	22,113	57,521				33,080		32,675	13,879
GAGE & GAGE SOUTHWEST—									
Truck			509			509			
GLENDIVE, DEER CREEK WOODROW & SAND CREEK—									
Texas Pipeline Co.	11,191	35,268			516			37,251	8,692
GOOSE LAKE—									
Portal Pipeline Co.		43,996					43,996		
HAY CREEK—									
Fairview Pipeline Co.		30,148					30,148		
HIAWATHA—									
Continental Pipeline Co.		12,134					12,134		
HIBBARD—Truck			207			207			
INJUN CREEK—Permian Corp.			1,628				1,628		
IVANHOE—									
Continental Pipeline Co.		8,600				8,154	446		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		13,380				10,050	3,330		
KELLEY—									
Continental Pipeline Co.		8,565				8,565			
KEVIN SUNBURST—									
Big West Oil Co.	6,165	16,185				17,616			4,734
Homestake Oil & Gas Co.	2,645	2,045				3,473			1,217
Texas Pipeline Co.	7,154	9,603		7,917	99			17,605	6,970
	15,964	27,833		7,917	99	21,089		17,605	12,921
LODGE GRASS—Truck			2,045			2,045			
MASON LAKE—									
Continental Pipeline Co.		659				659			
MELSTONE—									
Truck			400					400	
Continental Pipeline Co.		1,297				1,297			
		1,297	400			1,297		400	
MOSSER—Truck			310				310		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			29,514				29,514		
POLE CREEK—Truck			750				750		
PONDERA—Phillips Petr. Co.	49,462	27,395			267	27,951			48,639
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	20,509	127,090			(572)			134,150‡	14,021
RAGGED POINT—									
Continental Pipeline Co.		4,336				4,336			
RED CREEK—									
Western Oil Transportation Co.		23,670						23,670	
RESERVE—Truck			20,359				20,359		
RUSH MOUNTAIN—									
Sinclair Refining Co.			2,774				2,774		
SNYDER—Truck			785			785			
SOAP CREEK—Truck			7,913				7,913		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			2,371				2,371		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	824,762	71,389		1,073,717	(19)	52,067		1,122,553	795,267
TULE CREEK—									
Tesero Petr. Corp.	8,356		55,212			59,826			3,742
WEED CREEK—									
Continental Pipeline Co.		3,285				3,285			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		14,228				14,228			
WOLF SPRINGS—									
Continental Pipeline Co.		6,080				6,080			
WILDCAT WELLS—Truck			23,979				23,979		
TOTALS	1,596,291	3,418,957	265,133	2,637,777	3,654	755,985	2,930,484	2,767,727	1,460,308

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1969

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	----------	13,097	----------	----------	----------	----------	----------	----------	----------	13,097
Bowes	----------	----------	26,380	----------	----------	----------	----------	----------	----------	26,380
Cat Creek	----------	----------	----------	19,048	----------	11	----------	----------	----------	19,059
Cut Bank	53,801	----------	----------	----------	----------	----------	92,356	----------	108,393	254,550
Delphia	----------	----------	----------	----------	----------	2	----------	----------	----------	2
Elk Basin	----------	83,985	----------	58,627	74,604	----------	----------	----------	----------	217,216
Flat Coulee	----------	----------	----------	----------	----------	----------	----------	----------	6,000	6,000
Fred & George Creek	33,080	----------	----------	----------	----------	----------	----------	----------	----------	33,080
Gage & Gage S. W.	----------	----------	----------	----------	----------	2	----------	----------	----------	2
Hibbard	----------	----------	----------	----------	----------	2	----------	----------	----------	2
Ivanhoe	----------	8,154	----------	----------	----------	----------	----------	----------	----------	8,154
Keg Coulee	----------	4,009	----------	6,041	----------	----------	----------	----------	----------	10,050
Kelley	----------	----------	----------	----------	8,565	----------	----------	----------	----------	8,565
Kevin Sunburst	21,089	----------	----------	----------	----------	----------	----------	----------	----------	21,089
Lodge Grass	----------	2,045	----------	----------	----------	----------	----------	----------	----------	2,045
Mason Lake	----------	659	----------	----------	----------	----------	----------	----------	----------	659
Melstone	----------	----------	----------	1,297	----------	----------	----------	----------	----------	1,297
Pondera	----------	----------	----------	----------	----------	----------	26,123	----------	----------	26,123
Ragged Point	----------	----------	----------	4,336	----------	----------	----------	----------	----------	4,336
Snyder	----------	785	----------	----------	----------	----------	----------	----------	----------	785
Sumatra & Stensvad	----------	19,360	----------	25,436	7,271	----------	----------	----------	----------	52,067
Tule Creek	----------	----------	----------	----------	----------	----------	----------	71,403	----------	71,403
Weed Creek	----------	----------	----------	----------	3,285	----------	----------	----------	----------	3,285
Whitlash	----------	----------	----------	----------	----------	----------	15,037	----------	----------	15,037
Wolf Springs	----------	----------	----------	----------	6,080	----------	----------	----------	----------	6,080
Total Montana Oil	107,970	132,094	26,380	114,785	99,805	17	133,516	71,403	114,393	800,363
Canadian Oil Imported	----------	270,997	----------	----------	112	----------	----------	----------	----------	271,109
Wyoming Oil Imported	----------	756,106	----------	570,935	1,069,616	----------	----------	----------	----------	2,396,657
Total Montana, Canadian, and Wyoming Oil	107,970	1,159,197	26,380	685,720	1,169,533	17	133,516	71,403	114,393	3,468,129

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1968	26,482	21,007	64,842	112,331
June, 1968	27,297	16,209	57,893	101,399
June, 1969	26,679	9,037	79,888	115,604

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
23.57%	18.70%	57.73%
26.92%	15.99%	57.09%
23.08%	7.82%	69.10%